

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Is the Application of

Tetsuya OTSUKI

Group Art Unit: 2818

Application No.: 10/624,680

Examiner: L. TRAN

Filed: July 23, 2003

Docket No.: 116568

For: INTERCONNECT SUBSTRATE, SEMICONDUCTOR DEVICE, METHODS OF
MANUFACTURING THE SAME, CIRCUIT BOARD, AND ELECTRONIC EQUIPMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

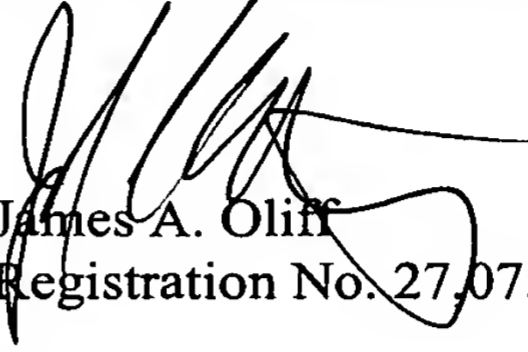
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution (e.g., Quayle Action), but before payment of the Issue Fee. Attached is our Check No. 170516 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☒ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☒ 2. The references were cited in a counterpart foreign application. A partial English language translation of the office action is attached for the Examiner's information.
- ☒ 3. English language Abstracts of the non-English language references are attached hereto.
- ☒ 4. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office

(<http://www.jpo.go.jp>)), and is attached, but has not been reviewed for accuracy. See References 1-2.

Respectfully submitted,



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Date: September 6, 2005

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| <p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p> |
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Sheet 1 of 1Form PTO-1449
(REV. 8-83)US Department of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
116568APPLICATION NO.
10/624,680

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Tetsuya OTSUKIFILING DATE
July 23, 2003GROUP
2818

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|--|-----------------|------|------|-------|--------------|
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
|--|----|-----------------|------------|---------|-------|--------------|
| | 1. | JP 11-163499 | 06-18-1999 | Japan | | |
| | 2. | JP 11-274671 | 10-08-1999 | Japan | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 6, 2005